

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2015 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

| <b>RD2104</b>  | Overall LMA Rating     | Total LMA Miles |              |             |             |         |                              |         |
|--|------------------------|-----------------|--------------|-------------|-------------|---------|------------------------------|---------|
| <b>Reclamation District No. 2104 Peters Pocket Tract</b> | <b>U</b>               | <b>6.85</b>     |              |             |             |         |                              |         |
| Rated Item   | Maintenance Deficiency |                 |              |             | Enforcement |         | Design & System Obsolescence |         |
|  | M Miles                | U Miles         | M + 4U Miles | Threshold % | M Miles     | U Miles | M Miles                      | U Miles |
| <i>Earthen Levee</i>                                     |                        |                 |              |             |             |         |                              |         |
| Vegetation   | 3.12                   | 11.74           | 50.08        | 731.27%     |             |         |                              |         |
| Trim / Thin Trees  | 0.02                   |                 | 0.02         | 0.29%       |             |         |                              |         |
| Encroachments  |                        |                 |              |             |             | 0.01    |                              |         |
| Erosion / Bank Caving                                    | 0.15                   | 0.01            | 0.19         | 2.77%       |             |         |                              |         |
| Crown Surface / Depressions / Rutting                    | 9.96                   |                 | 9.96         | 145.44%     |             |         |                              |         |
| Repair Gates   | 0.02                   | 0.02            | 0.10         | 1.46%       |             |         |                              |         |
| Emergency Supplies & Equipment                           | 0.07                   |                 | 0.07         | 1.02%       |             |         |                              |         |
| Flood Preparedness & Training                            | 0.07                   |                 | 0.07         | 1.02%       |             |         |                              |         |
| <i>Supplemental</i>                                      |                        |                 |              |             |             |         |                              |         |
| DWR UCIP Field Study                                     |                        |                 |              |             | 0.06        | 0.04    |                              |         |
| <i>LMA Totals:</i>                                       | 13.41                  | 11.77           | 60.49        | 883.28%     | 0.06        | 0.05    | 0.00                         | 0.00    |

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2015 Levee Inspection Results**

**Reclamation District No. 2104 Peters Pocket Tract**

|                                  | Spring<br>(March - May) | Summer **<br>(June - August) | Fall<br>(September - November) | Winter **<br>(December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) |                         |                              | U                              |                                    |

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
**SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2015 Levee Inspection Results**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   |                         |                           | Bank                           | Unit Miles                      |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough |                         |                           | Left                           | 6.85                            |
|  | Spring<br>(March - May) | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February) |
| Unit Maintenance Rating<br>(Fall Only)           |                         |                           | U                              |                                 |
| Date of Inspection                               | 04/02/2015 - 04/02/2015 |                           | 10/13/2015 - 10/13/2015        |                                 |
| DWR Inspector                                    | Herman Phillips         |                           | Herman Phillips                |                                 |
| Accompanied By                                   |                         |                           |                                |                                 |

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                               |              |                        |            |           |
|---|-------------------------------|--------------|------------------------|------------|-----------|
| LM Start  |                               | Rating **    | M                      | Issue No.  | <b>12</b> |
| LM End  |                               | Issue Type + | Ma                     | Location * | N/A       |
| Category  | Earthen Levee                 |              | GPS Latitude/Longitude |            |           |
|   |                               |              | Start                  | End        |           |
| Item  | Flood Preparedness & Training |              |                        | °          | °         |
|   |                               |              |                        | °          | °         |
| DWR ID  | DWR_RD2104_01_s_2012_12       |              |                        |            |           |
| Action/Comments   |                               |              |                        |            |           |
| Inspector Comments: District needs to have their staff flood fight trained. |                               |              |                        |            |           |

No Photos

|  |                                  |              |                        |            |           |
|--|----------------------------------|--------------|------------------------|------------|-----------|
| LM Start   |                                  | Rating **    | A                      | Issue No.  | <b>14</b> |
| LM End   |                                  | Issue Type + | Ma                     | Location * | N/A       |
| Category   | Earthen Levee                    |              | GPS Latitude/Longitude |            |           |
|  |                                  |              | Start                  | End        |           |
| Item   | Operations & Maintenance Manuals |              |                        | °          | °         |
|  |                                  |              |                        | °          | °         |
| DWR ID   | DWR_RD2104_01_f_2012_14          |              |                        |            |           |
| Action/Comments  |                                  |              |                        |            |           |
| Inspector Comments: District has the O+M Manual on hand. |                                  |              |                        |            |           |

No Photos

|   |                                |              |                        |            |           |
|---|--------------------------------|--------------|------------------------|------------|-----------|
| LM Start  |                                | Rating **    | M                      | Issue No.  | <b>40</b> |
| LM End  |                                | Issue Type + | Ma                     | Location * | N/A       |
| Category  | Earthen Levee                  |              | GPS Latitude/Longitude |            |           |
|   |                                |              | Start                  | End        |           |
| Item  | Emergency Supplies & Equipment |              |                        | °          | °         |
|   |                                |              |                        | °          | °         |
| DWR ID  | DWR_RD2104_01_s_2012_40        |              |                        |            |           |
| Action/Comments   |                                |              |                        |            |           |
| Inspector Comments: District needs to have flood fight supplies in storage. |                                |              |                        |            |           |

No Photos

|  |  |   |   |
|--|--|---|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.04                    | Rating **    | M  | Issue No.              | 43            |
| LM End  | 0.42                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.307713 °            | 38.302670 °   |
|   |                         |              |    | -121.758527 °          | -121.756470 ° |
| DWR ID  | DWR_RD2104_01_f_2015_43 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_43\_20151013\_00021.jpg



|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.06                    | Rating **    | U  | Issue No.              | 47            |
| LM End  | 0.28                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.307407 °            | 38.304662 °   |
|   |                         |              |    | -121.758420 °          | -121.756520 ° |
| DWR ID  | DWR_RD2104_01_f_2015_47 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_47\_20151013\_00022.jpg



RD 2104 Looking downstream at landside slope levee mile 0.06-0.28,

|   |                                       |              |    |                        |               |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.25                                  | Rating **    | M  | Issue No.              | 1             |
| LM End  | 0.25                                  | Issue Type + | Ma | Location *             | CR            |
| Category  | Earthen Levee                         |              |    | GPS Latitude/Longitude |               |
|   |                                       |              |    | Start                  | End           |
| Item  | Crown Surface / Depressions / Rutting |              |    | 38.305022 °            | 38.305022 °   |
|   |                                       |              |    | -121.756692 °          | -121.756692 ° |
| DWR ID  | DWR_RD2104_01_s_2012_1                |              |    |                        |               |
| Action/Comments                                   |                                       |              |    |                        |               |
| Repair depressions or ruts in the crown or slope. |                                       |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.28                    | Rating **    | C  | Issue No.              | 18            |
| LM End  | 0.28                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Trim / Thin Trees       |              |    | 38.304657 °            | 38.304657 °   |
|   |                         |              |    | -121.756570 °          | -121.756570 ° |
| DWR ID  | DWR_RD2104_01_s_2012_18 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Trim trees over roadway to at least 12 feet above ground level. |                         |              |    |                        |               |

No Photos

|  |                          |              |    |                        |               |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.38                     | Rating **    | C  | Issue No.              | 117           |
| LM End   | 0.38                     | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|  |                          |              |    | Start                  | End           |
| Item   | Trim / Thin Trees        |              |    | 38.303187 °            | 38.303187 °   |
|  |                          |              |    | -121.756492 °          | -121.756492 ° |
| DWR ID   | DWR_RD2104_01_f_2014_117 |              |    |                        |               |
| Action/Comments                                      |                          |              |    |                        |               |
| Trim trees to at least five feet above ground level. |                          |              |    |                        |               |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.39                    | Rating **    | U  | Issue No.              | 48            |
| LM End  | 0.76                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.303113 °            | 38.299770 °   |
|   |                         |              |    | -121.756550 °          | -121.751918 ° |
| DWR ID  | DWR_RD2104_01_f_2015_48 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements.<br>Inspector Comments: Remove the star thistle from the landward levee slope. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_48\_20151013\_00023.jpg



Looking downstream from 0.39 -0.76 tall milkweeds on the slope.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                        |              |    |                        |               |
|---|------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.39                   | Rating **    | M  | Issue No.              | 6             |
| LM End  | 0.62                   | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee          |              |    | GPS Latitude/Longitude |               |
|   |                        |              |    | Start                  | End           |
| Item  | Vegetation             |              |    | 38.303058 °            | 38.300238 °   |
|   |                        |              |    | -121.756542 °          | -121.754347 ° |
| DWR ID  | DWR_RD2104_01_s_2012_6 |              |    |                        |               |
| Action/Comments   |                        |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                        |              |    |                        |               |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.42                    | Rating **    | U  | Issue No.              | 51            |
| LM End  | 0.68                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.302670 °            | 38.299852 °   |
|   |                         |              |    | -121.756468 °          | -121.753408 ° |
| DWR ID  | DWR_RD2104_01_f_2015_51 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                         |              |    |                        |               |
| Inspector Comments: Remove the dead weeds from the levee slope.         |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_51\_20151013\_00024.jpg



Looking downstream waterside 0.42-0.68 unsatisfactory tall weeds covering the slope.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.70                    | Rating **    | M  | Issue No.              | 59            |
| LM End  | 0.89                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.299855 °            | 38.299302 °   |
|   |                         |              |    | -121.753022 °          | -121.749603 ° |
| DWR ID  | DWR_RD2104_01_f_2015_59 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                         |              |    |                        |               |

No Photos

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.81                    | Rating **    | M  | Issue No.              | 60            |
| LM End  | 0.87                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.299652 °            | 38.299365 °   |
|   |                         |              |    | -121.751013 °          | -121.749925 ° |
| DWR ID  | DWR_RD2104_01_f_2015_60 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 0.87                    | Rating **    | U  | Issue No.              | 61            |
| LM End  | 2.61                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.299365 °            | 38.294160 °   |
|   |                         |              |    | -121.749925 °          | -121.726880 ° |
| DWR ID  | DWR_RD2104_01_f_2015_61 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_61\_20151013\_00025.jpg



Looking downstream from the landside shoulder dead tall star thistle covering the slope and toe.

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 0.89                    | Rating **    | U  | Issue No.              | 62            |
| LM End   | 1.48                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 38.299302 °            | 38.294888 °   |
|  |                         |              |    | -121.749603 °          | -121.741202 ° |
| DWR ID   | DWR_RD2104_01_f_2015_62 |              |    |                        |               |
| Action/Comments  |                         |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements.<br>Inspector Comments: Remove the tall weeds from the levee section. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_62\_20151027\_00032.jpg



Looking downstream from levee mile 0.89- 1.48 waterside slope tall weeds taken over the slope.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable  |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|  |  | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |   |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                           |              |    |                        |               |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.02                      | Rating **    | M  | Issue No.              | 31            |
| LM End  | 1.02                      | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|   |                           |              |    | Start                  | End           |
| Item  | Trim / Thin Trees         |              |    | 38.297886 °            | 38.297886 °   |
|   |                           |              |    | -121.748133 °          | -121.748133 ° |
| DWR ID  | DWR_RD2104_01_s _ 2012_31 |              |    |                        |               |
| Action/Comments   |                           |              |    |                        |               |
| Thin trees to allow visibility of the ground and room to flood fight. |                           |              |    |                        |               |

No Photos

|  |                                       |              |    |                        |               |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.22                                  | Rating **    | M  | Issue No.              | 45            |
| LM End   | 4.72                                  | Issue Type + | Ma | Location *             | CR            |
| Category   | Earthen Levee                         |              |    | GPS Latitude/Longitude |               |
|  |                                       |              |    | Start                  | End           |
| Item   | Crown Surface / Depressions / Rutting |              |    | 38.296552 °            | 38.318462 °   |
|  |                                       |              |    | -121.744965 °          | -121.744535 ° |
| DWR ID   | DWR_RD2104_01_s _ 2012_45             |              |    |                        |               |
| Action/Comments  |                                       |              |    |                        |               |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. |                                       |              |    |                        |               |

No Photos

|  |                           |              |    |                        |               |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.27                      | Rating **    | U  | Issue No.              | 66            |
| LM End   | 4.24                      | Issue Type + | Ma | Location *             | CR            |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|  |                           |              |    | Start                  | End           |
| Item   | Vegetation                |              |    | 38.296153 °            | 38.313187 °   |
|  |                           |              |    | -121.744238 °          | -121.739071 ° |
| DWR ID   | DWR_RD2104_01_s _ 2014_66 |              |    |                        |               |
| Action/Comments  |                           |              |    |                        |               |
| Keep the crown roadway free of vegetation.<br>Inspector Comments: Crown road should be free of vegetation. |                           |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_66\_20151027\_00033.jpg



Levee mile 1.27- 4.24 crown roadway covered in vegetation.

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.38                    | Rating **    | U  | Issue No.              | 49            |
| LM End   | 1.44                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 38.295706 °            | 38.295454 °   |
|  |                         |              |    | -121.742451 °          | -121.741529 ° |
| DWR ID   | DWR_RD2104_01_s_2013_49 |              |    |                        |               |
| Action/Comments  |                         |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes.<br>Inspector Comments: The landowner has applied some spray to the woody tree growth and wild vegetation, more spray is needed here. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_49\_20151027\_00034.jpg



From levee mile 1.38 -1.44 woody vegetation on the waterside levee slope.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 1.50                    | Rating **    | M  | Issue No.              | 13            |
| LM End  | 1.55                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.294667 °            | 38.294133 °   |
|   |                         |              |    | -121.741227 °          | -121.740703 ° |
| DWR ID  | DWR_RD2104_01_f_2015_13 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements. |                         |              |    |                        |               |

No Photos

|  |                         |              |    |                        |               |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start   | 1.55                    | Rating **    | U  | Issue No.              | 63            |
| LM End   | 3.18                    | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|  |                         |              |    | Start                  | End           |
| Item   | Vegetation              |              |    | 38.294133 °            | 38.301445 °   |
|  |                         |              |    | -121.740703 °          | -121.730495 ° |
| DWR ID   | DWR_RD2104_01_f_2015_63 |              |    |                        |               |
| Action/Comments  |                         |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements.<br>Inspector Comments: Remove the tall weeds from the slope. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_63\_20151027\_00035.jpg



Waterside slope downstream of 1.55- 3.18 wild tall weeds on the slope.

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|                 |                         |              |    |                        |               |
|-----------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start        | 1.57                    | Rating **    | M  | Issue No.              | 44            |
| LM End          | 1.57                    | Issue Type + | Ma | Location *             | CR            |
| Category        | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|                 |                         |              |    | Start                  | End           |
| Item            | Repair Gates            |              |    | 38.294117 °            | 38.294117 °   |
|                 |                         |              |    | -121.740385 °          | -121.740385 ° |
| DWR ID          | DWR_RD2104_01_f_2014_44 |              |    |                        |               |
| Action/Comments |                         |              |    |                        |               |
|                 |                         |              |    |                        |               |

No Photos

|                                |                         |              |    |                        |               |
|--------------------------------|-------------------------|--------------|----|------------------------|---------------|
| LM Start                       | 1.93                    | Rating **    | M  | Issue No.              | 16            |
| LM End                         | 1.94                    | Issue Type + | Ma | Location *             | WS            |
| Category                       | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|                                |                         |              |    | Start                  | End           |
| Item                           | Erosion / Bank Caving   |              |    | 38.292027 °            | 38.291947 °   |
|                                |                         |              |    | -121.734575 °          | -121.734453 ° |
| DWR ID                         | DWR_RD2104_01_s_2012_16 |              |    |                        |               |
| Action/Comments                |                         |              |    |                        |               |
| Note and monitor erosion site. |                         |              |    |                        |               |

No Photos

|   |                                       |              |    |                        |               |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start  | 2.15                                  | Rating **    | M  | Issue No.              | 35            |
| LM End  | 2.91                                  | Issue Type + | Ma | Location *             | CR            |
| Category  | Earthen Levee                         |              |    | GPS Latitude/Longitude |               |
|   |                                       |              |    | Start                  | End           |
| Item  | Crown Surface / Depressions / Rutting |              |    | 38.291940 °            | 38.297485 °   |
|   |                                       |              |    | -121.730687 °          | -121.730149 ° |
| DWR ID  | DWR_RD2104_01_s_2012_35               |              |    |                        |               |
| Action/Comments                                   |                                       |              |    |                        |               |
| Repair depressions or ruts in the crown or slope. |                                       |              |    |                        |               |
|   |                                       |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 2.40                 | Rating **    | M  | Issue No.              | 124           |
| LM End  | 2.40                 | Issue Type + | En | Location *             | CR            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 38.291579 °            | 38.291579 °   |
|   |                      |              |    | -121.726159 °          | -121.726159 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:41347   |                      |              |    |                        |               |
| DS_ID:24726   |                      |              |    |                        |               |
| EP_NO: N/A  |                      |              |    |                        |               |
| FS_HLM: 2.6   |                      |              |    |                        |               |
| Repair Type: Non-Urgent   |                      |              |    |                        |               |
| Crossing Status: Indicator Found  |                      |              |    |                        |               |
| UCIP Comments: 24-inch CMP debris on WS berm may indicate pipe was abandoned.   |                      |              |    |                        |               |
| FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 18-feet below the crown. Flapgate on the WS toe. Originally included in O+M manual, 1964. |                      |              |    |                        |               |
| FS Date: 12/04/2013   |                      |              |    |                        |               |

Photo 1 of 1 : UCIP\_FA\_2015\_2738.jpg



Pipe debris on WS berm.

|   |                                       |              |    |                        |     |
|---|---------------------------------------|--------------|----|------------------------|-----|
| LM Start  | 2.61                                  | Rating **    | M  | Issue No.              | 21  |
| LM End  |                                       | Issue Type + | Ma | Location *             | CR  |
| Category  | Earthen Levee                         |              |    | GPS Latitude/Longitude |     |
|   |                                       |              |    | Start                  | End |
| Item  | Crown Surface / Depressions / Rutting |              |    | 38.294160 °            | °   |
|   |                                       |              |    | -121.726880 °          | °   |
| DWR ID  | DWR_RD2104_01_s_2012_21               |              |    |                        |     |
| Action/Comments                                   |                                       |              |    |                        |     |
| Repair depressions or ruts in the crown or slope. |                                       |              |    |                        |     |

No Photos

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.04                 | Rating **    | M  | Issue No.              | 125           |
| LM End   | 3.04                 | Issue Type + | En | Location *             | CR            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 38.299447 °            | 38.299447 °   |
|  |                      |              |    | -121.730444 °          | -121.730444 ° |
| DWR ID   |                      |              |    |                        |               |
| Action/Comments  |                      |              |    |                        |               |
| Inspector Comments: FS_ID:41834<br>DS_ID:24720<br>EP_NO: 14184<br>FS_HLM: 3.292<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Signs in disrepair and need proper markings.<br>FIELD_STRUCT_DESC: 6-inch steel gasoline through the levee 3-feet below the crown. Signs on LS and WS toe.<br>FS Date: 12/04/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2015\_2748.jpg



Sign post on LS toe.

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>3.04</b> | Rating **    | M  | Issue No.  | <b>125 (cont)</b> |
| LM End   | <b>3.04</b> | Issue Type + | En | Location * | CR                |

Photo 2 of 2 : UCIP\_FA\_2015\_2749.jpg



Sign on WS berm.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|                                |                           |              |    |                        |             |
|--------------------------------|---------------------------|--------------|----|------------------------|-------------|
| LM Start                       | 3.06                      | Rating **    | M  | Issue No.              | 46          |
| LM End                         | 3.06                      | Issue Type + | Ma | Location *             | LS          |
| Category                       | Earthen Levee             |              |    | GPS Latitude/Longitude |             |
|                                |                           |              |    | Start                  | End         |
| Item                           | Erosion / Bank Caving     |              |    | 38.299679 °            | 38.299679   |
|                                |                           |              |    | -121.730469 °          | -121.730469 |
| DWR ID                         | DWR_RD2104_01_s _ 2012_46 |              |    |                        |             |
| Action/Comments                |                           |              |    |                        |             |
| Note and monitor erosion site. |                           |              |    |                        |             |

No Photos

|  |                           |              |    |                        |               |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start   | 3.12                      | Rating **    | M  | Issue No.              | 36            |
| LM End   | 3.12                      | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|  |                           |              |    | Start                  | End           |
| Item   | Trim / Thin Trees         |              |    | 38.300571 °            | 38.300571 °   |
|  |                           |              |    | -121.730411 °          | -121.730411 ° |
| DWR ID   | DWR_RD2104_01_s _ 2012_36 |              |    |                        |               |
| Action/Comments                                      |                           |              |    |                        |               |
| Trim trees to at least five feet above ground level. |                           |              |    |                        |               |

No Photos

|                 |                            |              |    |                        |               |
|-----------------|----------------------------|--------------|----|------------------------|---------------|
| LM Start        | 3.12                       | Rating **    | M  | Issue No.              | 119           |
| LM End          | 3.12                       | Issue Type + | Ma | Location *             | CR            |
| Category        | Earthen Levee              |              |    | GPS Latitude/Longitude |               |
|                 |                            |              |    | Start                  | End           |
| Item            | Repair Gates               |              |    | 38.300600 °            | 38.300600 °   |
|                 |                            |              |    | -121.730432 °          | -121.730432 ° |
| DWR ID          | DWR_RD2104_01_f _ 2014_119 |              |    |                        |               |
| Action/Comments |                            |              |    |                        |               |
|                 |                            |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.12                 | Rating **    | M  | Issue No.              | 126           |
| LM End  | 3.12                 | Issue Type + | En | Location *             | CR            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 38.300605 °            | 38.300605 °   |
|   |                      |              |    | -121.730440 °          | -121.730440 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:24992<br>DS_ID:24707<br>EP_NO: 4412<br>FS_HLM: 3.377<br>Repair Type: Non-Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Heavy vegetation at concrete headwall on LS toe and at possible outlet area on WS toe. If possible, vegetation should be cleared to check if this is an accurate location. Erosion around backside of headwall at LS toe.<br>FIELD_STRUCT_DESC: 4 x 4 concrete culvert through the levee 17.0-feet below the crown. Originally included in O+M manual, 1964.<br>Concrete headwall on LS toe.<br>FS Date: 12/04/2013 |                      |              |    |                        |               |

Photo 1 of 3 : UCIP\_FA\_2015\_2739.jpg



Some erosion on levee side of headwall at LS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_2740.jpg



Vegetation covering possible location for 4X4 concrete culvert at LS toe.

| * Location                                      | ** Rating   | + Issue Type   |
|---|---|--|
| LS : Land Side<br>WS : Water Side<br>CR : Crown | A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable                      | Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
| N/A : Not Applicable                            | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|                                  |                      |              |    |                        |               |
|----------------------------------|----------------------|--------------|----|------------------------|---------------|
| LM Start                         | 3.12                 | Rating **    | M  | Issue No.              | 126 (cont)    |
| LM End                           | 3.12                 | Issue Type + | En | Location *             | CR            |
| Category                         | Supplemental         |              |    | GPS Latitude/Longitude |               |
|                                  |                      |              |    | Start                  | End           |
| Item                             | DWR UCIP Field Study |              |    | 38.300605 °            | 38.300605 °   |
|                                  |                      |              |    | -121.730440 °          | -121.730440 ° |
| DWR ID                           |                      |              |    |                        |               |
| Action/Comments                  |                      |              |    |                        |               |
| Inspector Comments: FS_ID:24992  |                      |              |    |                        |               |
| DS_ID:24707                      |                      |              |    |                        |               |
| EP_NO: 4412                      |                      |              |    |                        |               |
| FS_HLM: 3.377                    |                      |              |    |                        |               |
| Repair Type: Non-Urgent          |                      |              |    |                        |               |
| Crossing Status: Indicator Found |                      |              |    |                        |               |

Photo 3 of 3 : UCIP\_FA\_2015\_2741.jpg



Vegetation covering possible location for 4X4 concrete culvert at LS toe.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.47                    | Rating **    | U  | Issue No.              | 67            |
| LM End  | 4.76                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.304870 °            | 38.318673 °   |
|   |                         |              |    | -121.731207 °          | -121.745178 ° |
| DWR ID  | DWR_RD2104_01_f_2015_67 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                         |              |    |                        |               |
| Inspector Comments: Remove the thistle from the levee slope.            |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_67\_20151027\_00029.jpg



Looking downstream from the landside slope tall thistle is present on the levee section.

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.47                    | Rating **    | U  | Issue No.              | 70            |
| LM End  | 4.78                    | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.304870 °            | 38.318877 °   |
|   |                         |              |    | -121.731207 °          | -121.745635 ° |
| DWR ID  | DWR_RD2104_01_f_2015_70 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Control annual grass and weeds on the levee slopes and easements.<br>Inspector Comments: Remove the weeds from the waterside levee slope. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_70\_20151027\_00030.jpg



Looking downstream from the waterside slope thistle and other tall weeds present on the levee.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 3.65                    | Rating **    | U  | Issue No.              | 74            |
| LM End  | 4.01                    | Issue Type + | Ma | Location *             | CR            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.306673 °            | 38.310838 °   |
|   |                         |              |    | -121.733038 °          | -121.736180 ° |
| DWR ID  | DWR_RD2104_01_f_2015_74 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Keep the crown roadway free of vegetation.<br>Inspector Comments: The crown roadway should be free of vegetation. |                         |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_74\_20151027\_00026.jpg



Looking downstream from levee mile 3.65 - 4.01 the weeds has taken over the crown roadway.

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.01                 | Rating **    | U  | Issue No.              | 127           |
| LM End  | 4.01                 | Issue Type + | En | Location *             | CR            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 38.310873 °            | 38.310873 °   |
|   |                      |              |    | -121.736189 °          | -121.736189 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:24995<br>DS_ID:24706<br>EP_NO: 10183<br>FS_HLM: 4.337<br>Repair Type: Urgent<br>Crossing Status: Found<br>UCIP Comments: Pipe rusted through on WS berm. Siphon breaker in CMP riser blocked by riser misalignment.<br>FIELD_STRUCT_DESC: 12-inch steel drainpipe through the levee 4.0-feet below the crown. Pump on pile structure in drainage ditch on landward side. One C.M. cutoff wall and a Siphon breaker in a 24-inch CMP riser on the waterward shoulder. Flap gate on waterward end. (ABO No. 10183 - Miller) Originally included in O+M manual, 1964.<br>Asbuilt Dwg. 50-04-3379.<br>FS Date: 12/04/2013 |                      |              |    |                        |               |

Photo 1 of 3 : UCIP\_FA\_2015\_2742.jpg



Siphon breaker in CMP riser blocked by the risers misalignment.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.01                 | Rating **    | U  | Issue No.              | 127 (cont)    |
| LM End   | 4.01                 | Issue Type + | En | Location *             | CR            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 38.310873 °            | 38.310873 °   |
|          |                      |              |    | -121.736189 °          | -121.736189 ° |
| DWR ID   |                      |              |    |                        |               |

**Action/Comments**

Inspector Comments: FS\_ID:24995  
 DS\_ID:24706  
 EP\_NO: 10183  
 FS\_HLM: 4.337  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: Pipe rusted through on WS berm. Siphon breaker in CMP riser blocked by riser misalignment.  
 FIELD\_STRUCT\_DESC: 12-inch steel drainpipe through the levee 4.0-feet below the crown. Pump on pile structure in drainage ditch on landward side. One C.M. cutoff wall and a Siphon breaker in a 24-inch CMP riser on the waterward shoulder. Flap gate on waterward end. (ABO No. 10183 - Miller) Originally included in O+M manual, 1964. Asbuilt Dwg. 50-04-3379.  
 FS Date: 12/04/2013

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>4.01</b> | Rating **    | U  | Issue No.  | <b>127 (cont)</b> |
| LM End   | <b>4.01</b> | Issue Type + | En | Location * | CR                |

Photo 2 of 3 : UCIP\_FA\_2015\_2743.jpg



Siphon breaker in CMP riser on WS slope.

Photo 3 of 3 : UCIP\_FA\_2015\_2744.jpg



Pump on pier off LS toe at ponding area. power pole and meter on LS toe.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|          |                          |              |    |                        |               |
|----------|--------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.01                     | Rating **    | U  | Issue No.              | 120           |
| LM End   | 4.01                     | Issue Type + | En | Location *             | LS            |
| Category | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|          |                          |              |    | Start                  | End           |
| Item     | Encroachments            |              |    | 38.310912 °            | 38.310912 °   |
|          |                          |              |    | -121.736172 °          | -121.736172 ° |
| DWR ID   | DWR_RD2104_01_f_2014_120 |              |    |                        |               |

**Action/Comments**

**Pipe**

Inspector Comments: Unauthorized repair of pipe through levee, Pipe is leaking through levee repair. Work was not done properly, levee slope landward damaged, spoils piled on the slope. Need repair done before flood season. Photo taken.10-24-2014 to date the pipe hasn't been properly repaired. The land owner has applied for a permit.

Photo 1 of 2 : FA\_2015\_RD2104\_249\_120\_20150915\_00009.jpg



View of pipe landward. Water is shown coming through levee around pipe.

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>4.01</b> | Rating **    | U  | Issue No.  | <b>120 (cont)</b> |
| LM End   | <b>4.01</b> | Issue Type + | En | Location * | LS                |

Photo 2 of 2 : FA\_2015\_RD2104\_249\_120\_20150915\_00010.jpg



View of unauthorized pipe work. The siphon breaker on the waterward side has water running under pipe back through levee.

|          |                         |              |    |                        |               |
|----------|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.24                    | Rating **    | M  | Issue No.              | 25            |
| LM End   | 4.30                    | Issue Type + | Ma | Location *             | WS            |
| Category | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|          |                         |              |    | Start                  | End           |
| Item     | Vegetation              |              |    | 38.313130 °            | 38.313872 °   |
|          |                         |              |    | -121.739023 °          | -121.739830 ° |
| DWR ID   | DWR_RD2104_01_s_2012_25 |              |    |                        |               |

**Action/Comments**

Remove the wild growth other than native grasses from the levee slopes.

Inspector Comments: This levee is overgrown and is in need of maintenance. There are weeds taller than 5-feet tall on the levee section.

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                          |              |    |                        |               |
|---|--------------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.24                     | Rating **    | U  | Issue No.              | 122           |
| LM End  | 4.71                     | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|   |                          |              |    | Start                  | End           |
| Item  | Vegetation               |              |    | 38.313130 °            | 38.318388 °   |
|   |                          |              |    | -121.739050 °          | -121.744370 ° |
| DWR ID  | DWR_RD2104_01_f_2014_122 |              |    |                        |               |
| Action/Comments   |                          |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                          |              |    |                        |               |
| Inspector Comments: Remove the wild growth from the levee slope.        |                          |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_122\_20151027\_00027.jpg



Unsatisfactory wild growth on the landside levee shoulder and slope.

|  |                          |              |    |                        |               |
|--|--------------------------|--------------|----|------------------------|---------------|
| LM Start   | 4.24                     | Rating **    | U  | Issue No.              | 123           |
| LM End   | 4.71                     | Issue Type + | Ma | Location *             | WS            |
| Category   | Earthen Levee            |              |    | GPS Latitude/Longitude |               |
|  |                          |              |    | Start                  | End           |
| Item   | Vegetation               |              |    | 38.313135 °            | 38.318388 °   |
|  |                          |              |    | -121.739073 °          | -121.744370 ° |
| DWR ID   | DWR_RD2104_01_f_2014_123 |              |    |                        |               |
| Action/Comments  |                          |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes.          |                          |              |    |                        |               |
| Inspector Comments: Remove the wild woody tree growth from the water side slope. |                          |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_123\_20151027\_00028.jpg



Wild woody tree growth on the waterside slope and shoulder.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.31                 | Rating **    | U  | Issue No.              | 128           |
| LM End   | 4.31                 | Issue Type + | En | Location *             | WS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 38.313955 °            | 38.313955 °   |
|          |                      |              |    | -121.739930 °          | -121.739930 ° |
| DWR ID   |                      |              |    |                        |               |

**Action/Comments**

Inspector Comments: FS\_ID:24996  
 DS\_ID:24705  
 EP\_NO: 10182  
 FS\_HLM: 4.661  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: Vegetation and soil buildup throughout pipe preventing flapgate from closing. Remove vegetation to allow gate to close properly.  
 FIELD\_STRUCT\_DESC: 24-inch CMP drainpipe through the levee 15.0-feet below the crown. 36-inch concrete standpipe on LS toe. Flapgate on WS toe. Two C.M. cut of walls. (ABO No. 10182 - Machado)  
 Originally included in O+M manual, 1964. Asbuilt Dwg. 50-04-3379.  
 FS Date: 12/04/2013

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>4.31</b> | Rating **    | U  | Issue No.  | <b>128 (cont)</b> |
| LM End   | <b>4.31</b> | Issue Type + | En | Location * | WS                |

Photo 1 of 3 : UCIP\_FA\_2015\_2745.jpg



36-inch concrete riser with vegetation buildup inside.

Photo 2 of 3 : UCIP\_FA\_2015\_2746.jpg



36-inch concrete riser on LS toe at channel.

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|--|--|---|--|---|--|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|                                 |                      |              |    |                        |               |
|---------------------------------|----------------------|--------------|----|------------------------|---------------|
| LM Start                        | 4.31                 | Rating **    | U  | Issue No.              | 128 (cont)    |
| LM End                          | 4.31                 | Issue Type + | En | Location *             | WS            |
| Category                        | Supplemental         |              |    | GPS Latitude/Longitude |               |
|                                 |                      |              |    | Start                  | End           |
| Item                            | DWR UCIP Field Study |              |    | 38.313955 °            | 38.313955 °   |
|                                 |                      |              |    | -121.739930 °          | -121.739930 ° |
| DWR ID                          |                      |              |    |                        |               |
| Action/Comments                 |                      |              |    |                        |               |
| Inspector Comments: FS_ID:24996 |                      |              |    |                        |               |
| DS_ID:24705                     |                      |              |    |                        |               |
| EP_NO: 10182                    |                      |              |    |                        |               |
| FS_HLM: 4.661                   |                      |              |    |                        |               |
| Repair Type: Urgent             |                      |              |    |                        |               |
| Crossing Status: Found          |                      |              |    |                        |               |

Photo 3 of 3 : UCIP\_FA\_2015\_2747.jpg



CMP pipe and flapgate off WS toe.

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.65                 | Rating **    | M  | Issue No.              | 129           |
| LM End  | 4.65                 | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 38.317941 °            | 38.317941 °   |
|   |                      |              |    | -121.743503 °          | -121.743503 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:25003<br>DS_ID:24704<br>EP_NO: 10182<br>FS_HLM: 5.03<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Sign on WS toe needs repair.<br>FIELD_STRUCT_DESC: 8-inch gas line through levee at high elevation. Sign on WS and LS toe. (ABO No. 10182 - Machado) Asbuilt<br>Dwg. 50-04-3379.<br>FS Date: 12/04/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2015\_2750.jpg



Sign pole on WS toe missing sign.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable<br>N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.65                 | Rating **    | M  | Issue No.              | 129 (cont)    |
| LM End  | 4.65                 | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 38.317941 °            | 38.317941 °   |
|   |                      |              |    | -121.743503 °          | -121.743503 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:25003<br>DS_ID:24704<br>EP_NO: 10182<br>FS_HLM: 5.03<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Sign on WS toe needs repair.<br>FIELD_STRUCT_DESC: 8-inch gas line through levee at high elevation. Sign on WS and LS toe. (ABO No. 10182 - Machado) Asbuilt<br>Dwg. 50-04-3379.<br>FS Date: 12/04/2013 |                      |              |    |                        |               |

Photo 2 of 2 : UCIP\_FA\_2015\_2751.jpg



Gasline marker on LS toe.

|   |                      |              |    |                        |               |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start  | 4.67                 | Rating **    | M  | Issue No.              | 130           |
| LM End  | 4.67                 | Issue Type + | En | Location *             | WS            |
| Category  | Supplemental         |              |    | GPS Latitude/Longitude |               |
|   |                      |              |    | Start                  | End           |
| Item  | DWR UCIP Field Study |              |    | 38.318119 °            | 38.318119 °   |
|   |                      |              |    | -121.743730 °          | -121.743730 ° |
| DWR ID  |                      |              |    |                        |               |
| Action/Comments   |                      |              |    |                        |               |
| Inspector Comments: FS_ID:25005<br>DS_ID:24703<br>EP_NO: N/A<br>FS_HLM: 5.05<br>Repair Type: Non-Urgent<br>Crossing Status: Found<br>UCIP Comments: Good candidate for video inspection.<br>FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee 13.5-feet below the crown. Pump on pile structure in stream. Slide gate in 36-inch CMP riser on waterward slope. Two cutoff walls. Concrete "U" headwall and air vent at toe of landward slope. Asbuilt Dwg. 50-04-3379. Electrical conduit through levee at same location.<br>FS Date: 12/04/2013 |                      |              |    |                        |               |

Photo 1 of 2 : UCIP\_FA\_2015\_2776.jpg



Slide gate in CMP riser on WS slope with pump on pier in background.

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.67                 | Rating **    | M  | Issue No.              | 130 (cont)    |
| LM End   | 4.67                 | Issue Type + | En | Location *             | WS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 38.318119 °            | 38.318119 °   |
|          |                      |              |    | -121.743730 °          | -121.743730 ° |
| DWR ID   |                      |              |    |                        |               |

**Action/Comments**

Inspector Comments: FS\_ID:25005  
DS\_ID:24703  
EP\_NO: N/A  
FS\_HLM: 5.05  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Good candidate for video inspection.  
FIELD\_STRUCT\_DESC: 18-inch steel irrigation pipe through the levee 13.5-feet below the crown. Pump on pile structure in stream. Slide gate in 36-inch CMP riser on waterward slope. Two cutoff walls. Concrete "U" headwall and air vent at toe of landward slope. Asbuilt Dwg. 50-04-3379. Electrical conduit through levee at same location.  
FS Date: 12/04/2013

Photo 2 of 2 : UCIP\_FA\_2015\_2777.jpg



Concrete headwall on LS toe at irrigation ditch.

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.72                 | Rating **    | M  | Issue No.              | 131           |
| LM End   | 4.72                 | Issue Type + | En | Location *             | WS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 38.318432 °            | 38.318432 °   |
|          |                      |              |    | -121.744540 °          | -121.744540 ° |
| DWR ID   |                      |              |    |                        |               |

**Action/Comments**

Inspector Comments: FS\_ID:25006  
DS\_ID:24702  
EP\_NO: 10182  
FS\_HLM: 5.102  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Minor erosion of base under headwall on WS toe. Heavy corrosion of pipe at WS toe. Further evaluation of pipe integrity needed.  
FIELD\_STRUCT\_DESC: 24-inch CMP drain pipe through the levee 13.5-feet below the crown. Concrete "U" headwalls on both ends. Two C.M. cutoff walls. Flap gate on waterward end. (ABO No. 10182 - Machado)  
FS Date: 12/04/2013

Photo 1 of 3 : UCIP\_FA\_2015\_2588.jpg



Concrete U shaped headwall on LS toe.

|                   |                      |                          |   |                                   |  |
|-------------------|----------------------|--------------------------|---|-----------------------------------|--|
| <b>* Location</b> |                      | <b>** Rating</b>         |   | <b>+ Issue Type</b>               |  |
| LS : Land Side    | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side   |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown        |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|          |                      |              |    |                        |                   |
|----------|----------------------|--------------|----|------------------------|-------------------|
| LM Start | <b>4.72</b>          | Rating **    | M  | Issue No.              | <b>131 (cont)</b> |
| LM End   | <b>4.72</b>          | Issue Type + | En | Location *             | WS                |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |                   |
|          |                      |              |    | Start                  | End               |
| Item     | DWR UCIP Field Study |              |    | 38.318432 °            | 38.318432 °       |
|          |                      |              |    | -121.744540 °          | -121.744540 °     |
| DWR ID   |                      |              |    |                        |                   |

**Action/Comments**

Inspector Comments: FS\_ID:25006  
 DS\_ID:24702  
 EP\_NO: 10182  
 FS\_HLM: 5.102  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: Minor erosion of base under headwall on WS toe.  
 Heavy corrosion of pipe at WS toe. Further evaluation of pipe integrity needed.  
 FIELD\_STRUCT\_DESC: 24-inch CMP drain pipe through the levee  
 13.5-feet below the crown. Concrete "U" headwalls on both ends. Two  
 C.M. cutoff walls. Flap gate on waterward end. (ABO No. 10182 -  
 Machado)  
 FS Date: 12/04/2013

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>4.72</b> | Rating **    | M  | Issue No.  | <b>131 (cont)</b> |
| LM End   | <b>4.72</b> | Issue Type + | En | Location * | WS                |

Photo 2 of 3 : UCIP\_FA\_2015\_2589.jpg



Concrete U shaped headwall on LS toe.

Photo 3 of 3 : UCIP\_FA\_2015\_2590.jpg



Concrete U shaped headwall on WS toe.

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|                                |                           |              |    |                        |             |
|--------------------------------|---------------------------|--------------|----|------------------------|-------------|
| LM Start                       | 4.72                      | Rating **    | M  | Issue No.              | 19          |
| LM End                         | 4.72                      | Issue Type + | Ma | Location *             | LS          |
| Category                       | Earthen Levee             |              |    | GPS Latitude/Longitude |             |
|                                |                           |              |    | Start                  | End         |
| Item                           | Erosion / Bank Caving     |              |    | 38.318462 °            | 38.318462   |
|                                |                           |              |    | -121.744535 °          | -121.744535 |
| DWR ID                         | DWR_RD2104_01_s _ 2013_19 |              |    |                        |             |
| Action/Comments                |                           |              |    |                        |             |
| Note and monitor erosion site. |                           |              |    |                        |             |

No Photos

|                                |                           |              |    |                        |             |
|--------------------------------|---------------------------|--------------|----|------------------------|-------------|
| LM Start                       | 4.77                      | Rating **    | M  | Issue No.              | 53          |
| LM End                         | 4.77                      | Issue Type + | Ma | Location *             | LS          |
| Category                       | Earthen Levee             |              |    | GPS Latitude/Longitude |             |
|                                |                           |              |    | Start                  | End         |
| Item                           | Erosion / Bank Caving     |              |    | 38.318685 °            | 38.318685   |
|                                |                           |              |    | -121.745368 °          | -121.745368 |
| DWR ID                         | DWR_RD2104_01_s _ 2013_53 |              |    |                        |             |
| Action/Comments                |                           |              |    |                        |             |
| Note and monitor erosion site. |                           |              |    |                        |             |

No Photos

|                                |                           |              |    |                        |             |
|--------------------------------|---------------------------|--------------|----|------------------------|-------------|
| LM Start                       | 4.88                      | Rating **    | M  | Issue No.              | 24          |
| LM End                         | 4.88                      | Issue Type + | Ma | Location *             | LS          |
| Category                       | Earthen Levee             |              |    | GPS Latitude/Longitude |             |
|                                |                           |              |    | Start                  | End         |
| Item                           | Erosion / Bank Caving     |              |    | 38.319559 °            | 38.319559   |
|                                |                           |              |    | -121.747085 °          | -121.747085 |
| DWR ID                         | DWR_RD2104_01_s _ 2012_24 |              |    |                        |             |
| Action/Comments                |                           |              |    |                        |             |
| Note and monitor erosion site. |                           |              |    |                        |             |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|  |                                       |              |    |                        |               |
|--|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start   | 4.90                                  | Rating **    | M  | Issue No.              | 54            |
| LM End   | 6.83                                  | Issue Type + | Ma | Location *             | CR            |
| Category   | Earthen Levee                         |              |    | GPS Latitude/Longitude |               |
|  |                                       |              |    | Start                  | End           |
| Item   | Crown Surface / Depressions / Rutting |              |    | 38.319819 °            | 38.308575 °   |
|  |                                       |              |    | -121.747403 °          | -121.758448 ° |
| DWR ID   | DWR_RD2104_01_s _ 2013_54             |              |    |                        |               |
| Action/Comments  |                                       |              |    |                        |               |
| Add appropriate material and re-grade the levee to bring the crown above the design elevation. |                                       |              |    |                        |               |

No Photos

|                                |                           |              |    |                        |               |
|--------------------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start                       | 4.90                      | Rating **    | M  | Issue No.              | 29            |
| LM End                         | 4.90                      | Issue Type + | Ma | Location *             | LS            |
| Category                       | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|                                |                           |              |    | Start                  | End           |
| Item                           | Erosion / Bank Caving     |              |    | 38.319812 °            | 38.319812 °   |
|                                |                           |              |    | -121.747434 °          | -121.747434 ° |
| DWR ID                         | DWR_RD2104_01_s _ 2012_29 |              |    |                        |               |
| Action/Comments                |                           |              |    |                        |               |
| Note and monitor erosion site. |                           |              |    |                        |               |

No Photos

|  |                           |              |    |                        |               |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start   | 4.96                      | Rating **    | U  | Issue No.              | 75            |
| LM End   | 4.96                      | Issue Type + | Ma | Location *             | LS            |
| Category   | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|  |                           |              |    | Start                  | End           |
| Item   | Erosion / Bank Caving     |              |    | 38.320408 °            | 38.320408 °   |
|  |                           |              |    | -121.748173 °          | -121.748173 ° |
| DWR ID   | DWR_RD2104_01_f _ 2015_75 |              |    |                        |               |
| Action/Comments  |                           |              |    |                        |               |
| Schedule repair of erosion site prior to the next inspection.<br>Inspector Comments: Repair the erosion on the landside slope caused by livestock. |                           |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_75\_20151027\_00036.jpg



Erosion site on the landside slope into the shoulder.

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| * Location<br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | ** Rating<br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | + Issue Type<br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |  |
|---|--|--|--|--|--|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|                                |                           |              |    |                        |               |
|--------------------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start                       | 5.04                      | Rating **    | M  | Issue No.              | 41            |
| LM End                         | 5.04                      | Issue Type + | Ma | Location *             | LS            |
| Category                       | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|                                |                           |              |    | Start                  | End           |
| Item                           | Erosion / Bank Caving     |              |    | 38.321582 °            | 38.321582 °   |
|                                |                           |              |    | -121.748546 °          | -121.748546 ° |
| DWR ID                         | DWR_RD2104_01_s _ 2012_41 |              |    |                        |               |
| Action/Comments                |                           |              |    |                        |               |
| Note and monitor erosion site. |                           |              |    |                        |               |

No Photos

|                                |                           |              |    |                        |               |
|--------------------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start                       | 5.05                      | Rating **    | M  | Issue No.              | 55            |
| LM End                         | 5.12                      | Issue Type + | Ma | Location *             | LS            |
| Category                       | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|                                |                           |              |    | Start                  | End           |
| Item                           | Erosion / Bank Caving     |              |    | 38.321719 °            | 38.322666 °   |
|                                |                           |              |    | -121.748556 °          | -121.748448 ° |
| DWR ID                         | DWR_RD2104_01_s _ 2013_55 |              |    |                        |               |
| Action/Comments                |                           |              |    |                        |               |
| Note and monitor erosion site. |                           |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|          |                      |              |    |                        |               |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.09                 | Rating **    | U  | Issue No.              | 132           |
| LM End   | 5.09                 | Issue Type + | En | Location *             | LS            |
| Category | Supplemental         |              |    | GPS Latitude/Longitude |               |
|          |                      |              |    | Start                  | End           |
| Item     | DWR UCIP Field Study |              |    | 38.322215 °            | 38.322215 °   |
|          |                      |              |    | -121.748418 °          | -121.748418 ° |
| DWR ID   |                      |              |    |                        |               |

**Action/Comments**

Inspector Comments: FS\_ID:25007  
 DS\_ID:24701  
 EP\_NO: 10182  
 FS\_HLM: 5.505  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: Footing under headwall on WS toe severely undermined. Pipe rusted heavily with holes at WS and may need replacement.  
 FIELD\_STRUCT\_DESC: 24-inch CMP drain pipe through levee 13.0 feet below crown. Two cutoff walls. Concrete "U" headwalls on both ends. Flap gate on water end. (ABO No. 10182 - Machado). Asbuilt Dwg. 50-04-3379.  
 FS Date: 12/04/2013

|          |             |              |    |            |                   |
|----------|-------------|--------------|----|------------|-------------------|
| LM Start | <b>5.09</b> | Rating **    | U  | Issue No.  | <b>132 (cont)</b> |
| LM End   | <b>5.09</b> | Issue Type + | En | Location * | LS                |

Photo 1 of 3 : UCIP\_FA\_2015\_2591.jpg



Corrosion through pipe with holes on WS toe.

Photo 2 of 3 : UCIP\_FA\_2015\_2592.jpg



Headwall undermined on WS toe.

| * Location                                      | ** Rating   | + Issue Type   |
|---|---|--|
| LS : Land Side<br>WS : Water Side<br>CR : Crown | A : Acceptable<br>M : Minimally Acceptable<br>U : Unacceptable                      | Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
| N/A : Not Applicable                            | N : Not Inspected/Rated<br>C : Corrected<br>A/W : Acceptable but Monitor & Maintain |  |



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|                                 |                      |              |    |                        |               |
|---------------------------------|----------------------|--------------|----|------------------------|---------------|
| LM Start                        | 5.09                 | Rating **    | U  | Issue No.              | 132 (cont)    |
| LM End                          | 5.09                 | Issue Type + | En | Location *             | LS            |
| Category                        | Supplemental         |              |    | GPS Latitude/Longitude |               |
|                                 |                      |              |    | Start                  | End           |
| Item                            | DWR UCIP Field Study |              |    | 38.322215 °            | 38.322215 °   |
|                                 |                      |              |    | -121.748418 °          | -121.748418 ° |
| DWR ID                          |                      |              |    |                        |               |
| Action/Comments                 |                      |              |    |                        |               |
| Inspector Comments: FS_ID:25007 |                      |              |    |                        |               |
| DS_ID:24701                     |                      |              |    |                        |               |
| EP_NO: 10182                    |                      |              |    |                        |               |
| FS_HLM: 5.505                   |                      |              |    |                        |               |
| Repair Type: Urgent             |                      |              |    |                        |               |
| Crossing Status: Found          |                      |              |    |                        |               |

Photo 3 of 3 : UCIP\_FA\_2015\_2593.jpg



Concrete U-shaped headwall on WS toe. Note erosion scarp around headwall.

|   |                                       |              |    |                        |               |
|---|---------------------------------------|--------------|----|------------------------|---------------|
| LM Start  | 5.10                                  | Rating **    | M  | Issue No.              | 26            |
| LM End  | 6.25                                  | Issue Type + | Ma | Location *             | CR            |
| Category  | Earthen Levee                         |              |    | GPS Latitude/Longitude |               |
|   |                                       |              |    | Start                  | End           |
| Item  | Crown Surface / Depressions / Rutting |              |    | 38.322340 °            | 38.316815 °   |
|   |                                       |              |    | -121.748377 °          | -121.758227 ° |
| DWR ID  | DWR_RD2104_01_s_2012_26               |              |    |                        |               |
| Action/Comments                                   |                                       |              |    |                        |               |
| Repair depressions or ruts in the crown or slope. |                                       |              |    |                        |               |

No Photos

|   |                         |              |    |                        |               |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start  | 5.29                    | Rating **    | M  | Issue No.              | 56            |
| LM End  | 6.51                    | Issue Type + | Ma | Location *             | LS            |
| Category  | Earthen Levee           |              |    | GPS Latitude/Longitude |               |
|   |                         |              |    | Start                  | End           |
| Item  | Vegetation              |              |    | 38.323308 °            | 38.313087 °   |
|   |                         |              |    | -121.751226 °          | -121.758175 ° |
| DWR ID  | DWR_RD2104_01_s_2013_56 |              |    |                        |               |
| Action/Comments   |                         |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                         |              |    |                        |               |

No Photos

|                 |                      |                          |   |                                   |  |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location      |                      | ** Rating                |   | + Issue Type                      |  |
| LS : Land Side  | N/A : Not Applicable | A : Acceptable           | N : Not Inspected/Rated                 | Ma : Maintenance Deficiency       |  |
| WS : Water Side |                      | M : Minimally Acceptable | C : Corrected                           | Ob : Design & System Obsolescence |  |
| CR : Crown      |                      | U : Unacceptable         | A/W : Acceptable but Monitor & Maintain | En : Enforcement                  |  |

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|                 |                           |              |    |                        |               |
|-----------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start        | 5.29                      | Rating **    | U  | Issue No.              | 73            |
| LM End          | 5.29                      | Issue Type + | Ma | Location *             | CR            |
| Category        | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|                 |                           |              |    | Start                  | End           |
| Item            | Repair Gates              |              |    | 38.323281 °            | 38.323281 °   |
|                 |                           |              |    | -121.751272 °          | -121.751272 ° |
| DWR ID          | DWR_RD2104_01_s _ 2014_73 |              |    |                        |               |
| Action/Comments |                           |              |    |                        |               |
|                 |                           |              |    |                        |               |

Photo 1 of 1 : FA\_2015\_RD2104\_249\_73\_20150915\_00007.jpg



Repair this gate at levee mile 5.72.

|                                |                           |              |    |                        |               |
|--------------------------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start                       | 5.35                      | Rating **    | M  | Issue No.              | 33            |
| LM End                         | 5.36                      | Issue Type + | Ma | Location *             | LS            |
| Category                       | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|                                |                           |              |    | Start                  | End           |
| Item                           | Erosion / Bank Caving     |              |    | 38.323595 °            | 38.323730 °   |
|                                |                           |              |    | -121.752295 °          | -121.752430 ° |
| DWR ID                         | DWR_RD2104_01_s _ 2012_33 |              |    |                        |               |
| Action/Comments                |                           |              |    |                        |               |
| Note and monitor erosion site. |                           |              |    |                        |               |

No Photos

|                 |                           |              |    |                        |               |
|-----------------|---------------------------|--------------|----|------------------------|---------------|
| LM Start        | 5.51                      | Rating **    | U  | Issue No.              | 77            |
| LM End          | 5.51                      | Issue Type + | Ma | Location *             | CR            |
| Category        | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|                 |                           |              |    | Start                  | End           |
| Item            | Repair Gates              |              |    | 38.325048 °            | 38.325048 °   |
|                 |                           |              |    | -121.754357 °          | -121.754357 ° |
| DWR ID          | DWR_RD2104_01_s _ 2014_77 |              |    |                        |               |
| Action/Comments |                           |              |    |                        |               |
|                 |                           |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2015**

**Reclamation District No. 2104 Peters Pocket Tract**

| Waterway   | Bank | Unit Miles | Inspection Start/End     | Inspector       |
|--|------|------------|--------------------------|-----------------|
| Unit No. 01 Cache Slough/Unit No. 02 Haas Slough | Left | 6.85       | 10/13/2015<br>10/13/2015 | Herman Phillips |

|   |                           |              |    |                        |               |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start  | 5.52                      | Rating **    | M  | Issue No.              | 38            |
| LM End  | 6.13                      | Issue Type + | Ma | Location *             | WS            |
| Category  | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|   |                           |              |    | Start                  | End           |
| Item  | Vegetation                |              |    | 38.325074 °            | 38.318590 °   |
|   |                           |              |    | -121.754511 °          | -121.758209 ° |
| DWR ID  | DWR_RD2104_01_s _ 2012_38 |              |    |                        |               |
| Action/Comments   |                           |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                           |              |    |                        |               |

No Photos

|   |                           |              |    |                        |               |
|---|---------------------------|--------------|----|------------------------|---------------|
| LM Start  | 6.51                      | Rating **    | M  | Issue No.              | 57            |
| LM End  | 6.83                      | Issue Type + | Ma | Location *             | CR            |
| Category  | Earthen Levee             |              |    | GPS Latitude/Longitude |               |
|   |                           |              |    | Start                  | End           |
| Item  | Vegetation                |              |    | 38.313087 °            | 38.308575 °   |
|   |                           |              |    | -121.758175 °          | -121.758448 ° |
| DWR ID  | DWR_RD2104_01_s _ 2013_57 |              |    |                        |               |
| Action/Comments   |                           |              |    |                        |               |
| Remove the wild growth other than native grasses from the levee slopes. |                           |              |    |                        |               |

No Photos

|  |                      |              |    |                        |               |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start   | 6.84                 | Rating **    | U  | Issue No.              | 133           |
| LM End   | 6.84                 | Issue Type + | En | Location *             | CR            |
| Category   | Supplemental         |              |    | GPS Latitude/Longitude |               |
|  |                      |              |    | Start                  | End           |
| Item   | DWR UCIP Field Study |              |    | 38.308404 °            | 38.308404 °   |
|  |                      |              |    | -121.758585 °          | -121.758585 ° |
| DWR ID   |                      |              |    |                        |               |
| Action/Comments  |                      |              |    |                        |               |
| Inspector Comments: FS_ID:25086<br>DS_ID:24699<br>EP_NO: 10184<br>FS_HLM: 7.393<br>Repair Type: Urgent<br>Crossing Status: Indicator Found<br>UCIP Comments: Pump station visible to north on LS toe. Good indicator of location. Need PG+E to mark pipe location.<br>FIELD_STRUCT_DESC: 8-inch gas line through levee 2.0 feet below crown. (ABO No. 10184 - PG&E). Asbuilt Dwg. 50-04-3379.<br>FS Date: 12/04/2013 |                      |              |    |                        |               |

No Photos

|  |  |   |  |   |
|--|--|---|--|---|
| <b>* Location</b><br>LS : Land Side    N/A : Not Applicable<br>WS : Water Side<br>CR : Crown |  | <b>** Rating</b><br>A : Acceptable                      N : Not Inspected/Rated<br>M : Minimally Acceptable        C : Corrected<br>U : Unacceptable                  A/W : Acceptable but Monitor & Maintain |  | <b>+ Issue Type</b><br>Ma : Maintenance Deficiency<br>Ob : Design & System Obsolescence<br>En : Enforcement |
|--|--|---|--|---|